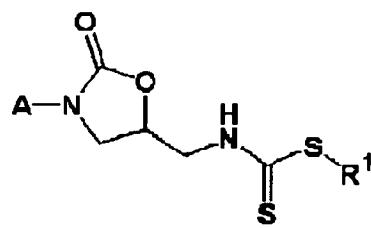


# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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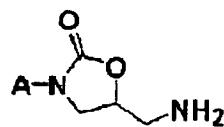


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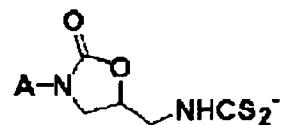
APPLICANT : HOKURIKU SEIYAKU CO LTD;

INVENTOR : TOMITA YAYOI;

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 A61K 31/535



TITLE : DITHiocARBAMIC ACID DERIVATIVE



**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain a new compound having excellent antimicrobial activities against various bacteria and fungi including multiple resistant microbe and atypical mycobacteria, and useful as an antibacterial or antifungal agent.

SOLUTION: This new compound is the one of formula I [R¹ is a (substituted) alkyl, a (substituted)cycloalkyl, a (substituted)aryl or the like; A is a (substituted) phenyl], e.g. methyl (S)-N-[2-oxo-3-[4-(thiomorpholin-4-yl)phenyl] oxazolin-5-yl]methyldithiocarbamate. The compound is obtained, for example, by using a compound of formula II as a raw material, reacting the compound of formula II with carbon disulfide in the presence of a base such as triethylamine in the absence of a solvent or in the solvent such as diethyl ether to provide a compound of formula III, and reacting the compound of formula III with an alkylation agent of the formula X-R¹ in the presence or absence of a base in the absence of the solvent or in the solvent within the temperature range from an ice-cooled temperature to 200°C.

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